the owners were either blind to evidence, or else acting on the selfish but erroneous idea that the

shey spring mysleriously out direct from the very bowels of the surft—where probably they are chemically composed by wholesale combinations of Mae hydrogen and oxygen gases hiperated by volcanic action?

Now outside of the real, serious scientific theories which account for artesian flows saily by accomminations of permeating rains, experience hard has proved how these waters are really connected with rainfall, by these facts that several wells get middly in rainy weather and that est fluctuate, rise, and fall again, more or less rapadly after heavy allowers. Further, the fact that all our wells around Homolulu draw their supply from a common reservoir, is proved by the level of flow being the same in all, by this level docreasing in in the same proportion and by the flactuation in them being synchronical. Then, again, the boring of one well immediately affects the level of all others, as fler, Himpham, Judge MeCallyl, myself and others who have studied the subject, have noticed in our own wells. Thus I first noticed my Pioneer well to sink after Judge McCally and and Messers. Ward and Milton had bored theirs. Judge McCally and and Messers ward and Milton had bored theirs. Judge McCally and and Messers. Ward and Milton had bored theirs, land a west or so ago, when the new ice works well on Beretania street was bored, it manechately made the well bedind it, on Maxik plains, fall soveral inches. Those facts prove that the interests of all artesian well owness have a decided wolldarity, and throw a light on the subject which can only be denied by new couners who talk from ideas learned in different countries, and think that they must know better than the poorpeople who, living on small inlands, comnot help having very limited and narrow notions. But as the question of water is one of vital importance. My authority for speaking on the subject is, that not only have I been long enough in the country, to be able to simily it mad to cutradiet all false theories, and ho give a note of warning to such of our land owners

watershed is tenter, that the amount of rain, from which att our drinkable waters are derived, are themselves year taxities, can if then be said that the underground supply is possibly inex-haustible? Repeated experience has shown that extravagani well-boring will very rapidly exhaust

extravagant well-boring will very rapidly exhaust artesian supplies even on larger continents, as our neighbours in Santa Clara, Galifornie, have learned to their bitter expense. Here, end facts have bren brought out by last year's experience, and as nothing is more brutal than figures, I shall enumerate a few:

When I first bored, the water in my well stood at a level of 35 feet 5 inches above the sea. As soon as other wells were bored, this level began to run down, but an accident which occurred, prevented no from keeping an exact record. However On the lat Aug., 1882, the level was found 42.8 feet. On the lat Jana, 1883, "42.5".

Then the decrease for a while scened checked a little by the capping of the neighbouring Ontario well which had previously been allowed to flow without restriction.

On the lat of March, 1883, the well stood at about On the lat of March, 1883, the well stood at about

Then the decrease for a while seemed checked a little by the cappaint of the neighbouring Ontario well which had previously been allowed to flow without restrictien.

On the list of March, 1885, the well stood at about it feet, then under the influence of the dry season, and of the boring of numerous new wells, the fall was more accentuated, and a measurement at the beginning of Jame gave it feet only. As I left at this time my residence at Punsion, I could not take any further measurements, but at date of article my well stands at about 30 feet, having lost 2 feet in one year, which makes a ratio of decrease of about 2 inches a raouth.

My neighbor, 3 dadge McGully, has also kept record of measurements, giving results very similar I believe to the above. Ferther, I owe to the kindness of another neighbor, Reverend Mr. Ringham, the exact list of his measurements, as follows:

July, 1882, 42 ft. 11 in. Dec. 1, 1883, 39 ft. 103, in. May, 1883, 41 - 3, 4 Jan. 1, 1884, 43 - 9 2 Ang. 40 - 97 - 75 - Mar. 3, 30 - 65 - 75 - 85 -

In spite of the warnings repeatedly given about the possibility of our arcesian waters failing, near the possibility of our arcesian waters failing, near the possibility of our arcesian waters failing, near the prince of the warnings repeatedly given about the possibility of our arcesian waters failing, near the prince ware pither blind to evidence, or class. Hawaiian Gazette Supplement, July 9

the wells bored will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the last to fail. Of course the well borred will be the consequences may very shortly be for the consequences may very shortly be for the consequences may very shortly be for the consequence equalled only brick what is strange, is that one of the Honolulu newspapers, with an imprudence equalled only brick interpretance and ignorance, heips to propagate the impression of false security among our well-corners or intending well-borers, in announcing the success of one of the latest borings this paper says that a excellence, merryfalises supply of state has been liberated, and farther it assarts that whatever may be the results arrived at 'in the future discussions of the Honolulu water question and will be the fail in the future discussions of the Honolulu water question and will be successed to the course of the future of Major Bender, "one thing is certain, that in this used to the properties of the purposes."

This impression that some produces the month of the properties of the properties of the passed, as a sale and the properties of the same time to depend only on a stream well and the properties of the same time of the properties of the

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